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IBM Docket No. RSW920030278US1

**In the United States Patent and Trademark Office
Patent Application Transmittal****Transmitted herewith for filing is the Patent Application of:**

Inventors(s): Brent H. Daniel; Timo J. Salo and Kevin J. Williams

For: Macro-Based Dynamic Discovery of Data shape

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York

Enclosed are13 pages of specification, including 33 claims, plus 5 sheets of *formal* drawings.

An assignment to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an application.

X Declaration and Power of Attorney. Executed by all Inventors

X PTO-1449 & references

X A return post card

Other:

Filing Fee Calculation (For Other Than Small Entity)

Basic Fee:							\$770.00
Claims Fees:		Filed	Limit	Extra		Rate per Extra	
Total claims:		33	20	13		\$18.00	\$234.00
Independent claims:		4	3	1		\$86.00	\$86.00
	Multiple Dependent Claim Presented					\$280.00	\$0.00
Total							\$1,090.00

Please charge the Deposit Account identified below for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

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Date: January 20, 2004

I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to Mail Stop Patent Application; Commissioner for Patents, P.O. Box 1450; Alexandria, VA 22313-1450


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